

1fr 2194 \$



# TRANSMITTAL FORM

Application No.:	10/017,183
Filing Date:	December 7, 2001
First Named Inventor:	Coach Wei
Confirmation No.	5883
Group Art Unit	2194
Examiner:	Zehn, Li B.
Customer No.	24227
Total Number of Pages in this Submission:	Docket No. EMC-06-235

## ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Authorization for the Commissioner to charge Deposit Account No. 05-0889 for fees associated with this transaction (in duplicate)	<input checked="" type="checkbox"/> Declaration/Power of Attorney of Coach Wei	<input type="checkbox"/> Petition for Revival of an Unintentionally Abandoned Application [37 CFR 1.137(b)] (in duplicate)
<input type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Decl.	<input checked="" type="checkbox"/> Declaration/Power of Attorney of Zakir Magdum	<input type="checkbox"/> Form PTOL-85B, Part B -Issue Fee Payment Transmittal," (in duplicate)
<input type="checkbox"/> Preliminary Amendment	<input checked="" type="checkbox"/> Statement of Inventor Zakir Magdum to Request for Correction of Inventorship	<input type="checkbox"/> Express Abandonment Request
<input type="checkbox"/> Extension of Time Request for _____ Months	<input checked="" type="checkbox"/> Consent of Assignee to Correction of Inventorship	<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Information Disclosure Statement	<input checked="" type="checkbox"/> Statement under 37 CFR 3.73(b)	<input type="checkbox"/> Status Inquiry
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input checked="" type="checkbox"/> Request to Correct Inventorship	<input type="checkbox"/> Fee Transmittal (in duplicate)
<input type="checkbox"/> Request for Continued Examination Transmittal	<input checked="" type="checkbox"/> Processing Fee Under 37 CFR 1.17(i) Transmittal (in duplicate)	<input checked="" type="checkbox"/> Certificate of First Class Mailing
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Additional Enclosures:	<input type="checkbox"/> Certificate of Express Mail Mailing
		<input checked="" type="checkbox"/> Postcard

## SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Date June 12, 2007 Robert K. Perkins  
Penelope S. Wilson, Esq. (Reg. No. 29,751) ) or Robert Kevin Perkins Esq. (Reg. No. 36,634)  
EMC Corporation  
Office of the General Counsel  
176 South Street  
Hopkinton, MA 01748

Tel: (508) 293-7998 or 6985  
Fax: (508) 293-7189

## CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8]

I hereby certify that this correspondence and the above-referenced enclosures are being:

- ☒ Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
- ☐ Transmitted by facsimile on the date shown below to the Patent and Trademark Office at (703)

Date June 12, 2007 Sandra A. Kulaga  
Signature  
Sandra A. Kulaga  
Typed or printed name of person signing certificate



Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**PROCESSING FEE**  
**Under 37 CFR 1.17(i)**  
**TRANSMITTAL**

(Fees are subject to annual revision)

Send completed form to: **Commissioner for Patents**  
**P.O. Box 1450, Alexandria, VA 22312-1450**

Application Number	10/017,183
Filing Date	December 7, 2001
First Named Inventor	Coach Wei
Art Unit	2194
Examiner Name	Zehn, Li B.
Attorney Docket No.	EMC-06-235

Enclosed is a paper filed under 37 CFR 1.48 that requires a processing fee (37 CFR 1.17(i)).  
Payment of \$ 130.00 is enclosed.

This form should be included with the above-mentioned paper and faxed or mailed to the Office using the appropriate Mail Stop, if applicable. For transmittal of petition fees under 37 CFR 1.17(f), (g) or (h), see form PTO/SB/17p.

**Payment of Fees** (small entity amounts are NOT available for the petition fees)

- ☒ The Commissioner is hereby authorized to charge the following fees to Deposit Account No. 05-0889  
☒ processing fee under 37 CFR 1.17(i) ☒ any deficiency of fees and credit of any overpayments  
Enclose a duplicative copy of this form for fee processing.

☐ Check in the amount of \$ \_\_\_\_\_ is enclosed.

☐ Payment by credit card (Form PTO-2038 or equivalent enclosed). Do not provide credit card information on this form.

**Processing Fees under 37 CFR 1.17(i): Fee \$130 Fee Code 1808 for all,**  
**Except for § 1.221 papers (Fee Code 1803)**

For papers filed under:

- § 1.28(c)(3) - for processing a non-itemized fee deficiency based on an error in small entity status.
- § 1.41 - for supplying the name or names of the inventor or inventors after the filing date without an oath or declaration as prescribed by § 1.63, except in provisional applications.
- § 1.48 - for correcting inventorship, except in provisional applications.
- § 1.52(d) - for processing a nonprovisional application filed with a specification in a language other than English.
- § 1.53(b)(3) - to convert a provisional application filed under § 1.53(c) into a nonprovisional application under § 1.53(b).
- § 1.55 - for entry of late priority papers.
- § 1.71(g)(2) - to enter an amendment to the specification for purposes of 35 U.S.C. 103(c)(2) if not filed within the cited time periods
- § 1.99(e) - for processing a belated submission under § 1.99.
- § 1.103(b) - for requesting limited suspension of action, continued prosecution application (§ 1.53(d)).
- § 1.103(c) - for requesting limited suspension of action, request for continued examination (§ 1.114).
- § 1.103(d) - for requesting deferred examination of an application.
- § 1.217 - for processing a redacted copy of a paper submitted in the file of an application in which a redacted copy was submitted for the patent application publication.
- § 1.221 - for requesting voluntary publication or republication of an application. **Fee Code 1803**
- § 1.291(c)(5) - for processing a second or subsequent protest by the same real party in interest.
- § 1.497(d) - for filing an oath or declaration pursuant to 35 U.S.C. 371(c)(4) naming an inventive entity different from the inventive entity set forth in the international stage.
- § 3.81 - for a patent to issue to assignee, assignment submitted after payment of the issue fee.

Signature

Robert Kevin Perkins  
Typed or printed name

June 12, 2007  
Date

36,634  
Registration No., if applicable

This collection of information is required by 37 CFR 1.17. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 5 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**APPLICANT:** Coach Wei **GROUP ART UNIT:** 2194  
**U.S.S.N.:** 10/017,183 **CONFIRMATION NO.:** 5883  
**FILING DATE:** December 7, 2001 **EXAMINER:** Zehn, Li B.  
**CUSTOMER NO.:** 24227  
**TITLE:** *METHODS AND TECHNIQUES FOR DELIVERING RICH JAVA APPLICATIONS OVER THIN-WIRE CONNECTIONS WITH HIGH PERFORMANCE AND SCALABILITY*

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 12, 2007.

*Sandra A. Kulaga*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REQUEST TO CORRECT INVENTORSHIP

Sir:

Applicant respectfully requests that the inventorship of this application be corrected to add Zakir Magdum as an inventor. Currently, the application includes Coach Wei as an inventor.

In support of this Request, enclosed are the following documents:

06/15/2007 MBELETE1 00000030 050889 10017183  
01 FC:1464 130.00 DA

Applicants: Coach Wei  
U.S.S.N. 10/017,183  
Filing Date: December 7, 2001  
Atty. Docket No.: EMC-06-235

1. Statement of Inventorship of Zakir Magdum to Request for Correction of Inventorship Under 37 CFR 1.48(a)(2);
2. Declaration and Power of Attorney for Patent Application executed by Zakir Magdum;
3. Declaration and Power of Attorney for Patent Application executed by Coach Wei;
4. Consent of Assignee to Correction of Inventorship; and
5. Statement Under 37 CFR 3.37(b).

In the event the Patent Office deems personal contact desirable in disposition of this matter, the Office is invited to contact the undersigned attorney at (508) 293-6985.

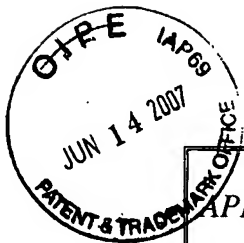
Please charge any fees occasioned by this submission to Deposit Account No. 05-0889.

Respectfully submitted,

Dated: June 12, 2007



Robert Kevin Perkins, Esq. (Reg. No. 36,634)  
EMC Corporation  
Office of the General Counsel  
176 South Street  
Hopkinton, MA 01748  
Tel: 508-293-6985  
Fax: 508-293-7189



PATENT  
EMC-06-235

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

<b>APPLICANT:</b>	Coach Wei, et al	<b>GROUP ART UNIT:</b>	2194
<b>U.S.S.N.:</b>	10/017,183	<b>CONFIRMATION NO.:</b>	5883
<b>FILING DATE:</b>	December 07, 2001	<b>EXAMINER:</b>	Zehn, Li B.
		<b>CUSTOMER NO.</b>	<b>24227</b>
<b>TITLE:</b>	<b><i>METHODS AND TECHNIQUES FOR DELIVERING RICH JAVA APPLICATIONS OVER THIN-WIRE CONNECTIONS WITH HIGH PERFORMANCE AND SCALABILITY</i></b>		

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to: Mail Stop: Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on \_\_\_\_\_, 2007.

\_\_\_\_\_  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

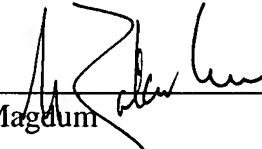
**STATEMENT OF INVENTOR ZAKIZ MAGDUM TO  
REQUEST FOR CORRECTION OF INVENTORSHIP UNDER 37 C.F.R. 1.48(A)(2)**

Sir:

I, Zakir Magdum, am an actual inventor with respect to the above-referenced application. My name was omitted from the signed Declaration submitted with the present application through error and without deceptive intent on my part.

I hereby declare that all statements made herein of my own knowledge are true, and all statements made on information and belief are believed to be true. These statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code, and that such willful false statement may jeopardize the validity of the application or any patent issuing thereof.

Dated: 6/1/07

By:   
Zakir Magdum



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed in the signatory page(s) commencing at page 3 hereof) or an original, first and joint inventor (if plural names are listed in said signatory page(s)) of the subject matter that is claimed and for which a patent is sought on the invention entitled

Methods and Techniques for delivering Rich Java Applications over Thin-wire Connections with High Performance and Scalability

the specification of which (check one)

☐ is attached hereto.

☒ was filed on **December 7, 2001** as United States Application Serial No.: **10/017,183**

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose information that is known by me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed?	
				YES	NO
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

60/256,594

12/19/2000

\_\_\_\_\_  
(Application Number)

\_\_\_\_\_  
(Filing Date)

\_\_\_\_\_  
(Application Number)

\_\_\_\_\_  
(Filing Date)

-2-

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

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(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
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(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
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(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
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(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
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As a named inventor, I hereby appoint all practitioners associated with the Customer Number

**24227**

as my attorneys at law, with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

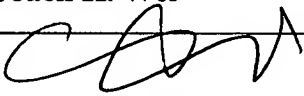
Please send correspondence to: Robert Kevin Perkins  
Office of the General Council  
EMC Corporation  
176 South Street  
Hopkington, MA 01748

Direct telephone calls to: Robert Kevin Perkins Telephone No.: (508) 293-6985

Direct facsimiles to: Robert Kevin Perkins Facsimile No.: (508) 293-7189

-3-

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor:	Coach K. Wei
Inventor's Signature:	
Date:	5/17/2008
Residence:	300 Marlborough St, Boston, MA 02116 USA
Citizenship:	Chinese
Mailing Address:	300 Marlborough St, Boston, MA 02116 USA

17 Michael Way  
Cambridge MA 02141

17 Michael Way, Cambridge MA 02141

Full name of second joint inventor, if any:	Zakir Magdum
Inventor's Signature:	
Date:	
Residence:	20E Farmington Drive, Shrewsbury, MA 01545, MA
Citizenship:	USA
Mailing Address:	20E Farmington Drive, Shrewsbury, MA 01545, MA

Full name of third joint inventor, if any:	
Inventor's Signature:	
Date:	
Residence:	
Citizenship:	
Mailing Address:	



-4-

<b>Full name of fourth joint inventor, if any:</b>	
Inventor's Signature:	
Date:	
Residence:	
Citizenship:	
Mailing Address:	



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Declaration and Power of Attorney for Patent Application**

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed in the signatory page(s) commencing at page 3 hereof) or an original, first and joint inventor (if plural names are listed in said signatory page(s)) of the subject matter that is claimed and for which a patent is sought on the invention entitled

**Methods and Techniques for delivering Rich Java Applications over Thin-wire Connections with High Performance and Scalability**

the specification of which (check one)

☐ is attached hereto.

☒ was filed on **December 7, 2001** as United States Application Serial No.: **10/017,183**

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose information that is known by me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed?	
				YES	NO
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

\_\_\_\_\_  
(Application Number) (Filing Date)

\_\_\_\_\_  
(Application Number) (Filing Date)

-2-

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

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(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
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(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
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(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
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(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
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As a named inventor, I hereby appoint all practitioners associated with the Customer Number

**24227**

as my attorneys at law, with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

Please send correspondence to: Robert Kevin Perkins  
Office of the General Council  
EMC Corporation  
176 South Street  
Hopkington, MA 01748

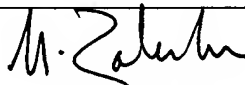
Direct telephone calls to: Robert Kevin Perkins Telephone No.: (508) 293-6985

Direct facsimiles to: Robert Kevin Perkins Facsimile No.: (508) 293-7189

-3-

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>Full name of sole or first inventor:</b>	<b>Coach K. Wei</b>
Inventor's Signature:	
Date:	
Residence:	300 Marlborough St, Boston, MA 02116 USA
Citizenship:	Chinese
Mailing Address:	300 Marlborough St, Boston, MA 02116 USA

<b>Full name of second joint inventor, if any:</b>	<b>Zakir Magdum</b>
Inventor's Signature:	
Date:	6/30/06
Residence:	20E Farmington Drive, Shrewsbury, MA 01545, MA
Citizenship:	USA
Mailing Address:	20E Farmington Drive, Shrewsbury, MA 01545, MA

<b>Full name of third joint inventor, if any:</b>	
Inventor's Signature:	
Date:	
Residence:	
Citizenship:	
Mailing Address:	

-4-

<b>Full name of fourth joint inventor, if any:</b>	
Inventor's Signature:	
Date:	
Residence:	
Citizenship:	
Mailing Address:	



PATENT  
EMC-06-235

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<b>APPLICANT:</b>	Coach Wei	<b>GROUP ART UNIT:</b>	2194
<b>U.S.S.N.:</b>	10/017,183	<b>CONFIRMATION NO.:</b>	5883
<b>FILING DATE:</b>	December 7, 2001	<b>EXAMINER:</b>	Zehn, Li B.
		<b>CUSTOMER NO.</b>	<b>24227</b>
<b>TITLE:</b>	<b>METHODS AND TECHNIQUES FOR DELIVERING RICH JAVA APPLICATIONS OVER THIN-WIRE CONNECTIONS WITH HIGH PERFORMANCE AND SCALABILITY</b>		

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to: Mail Stop: Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 12, 2002.

*Sandra A. Zulaga*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CONSENT OF ASSIGNEE TO CORRECTION OF INVENTORSHIP**

Sir:

The above-captioned patent application is assigned to EMC Corporation, a Massachusetts corporation, as indicated by the attached Assignment, which was executed by the originally named inventor. The Assignment was submitted for recordation with the U.S. Patent and

Applicant: Coach Wei.  
U.S.S.N.: 10/017,183  
Filing Date: December 7, 2001  
EMC Docket No.: EMC-06-235

Trademark Office concurrently with the filing of this application. Attached is a Statement Under 37 C.F.R. 3.73(b) showing the chain of ownership. EMC Corporation hereby agrees to the change of inventorship in the above-captioned patent application to include Zakir Magdum. The undersigned is empowered to act on behalf of the assignee, EMC Corporation, in this matter.

Dated: June 8, 2007

By: Krishnendu Gupta  
Krishnendu Gupta  
Associate General Counsel –  
Intellectual Property

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: EMC CorporationApplication No./Patent No. 10/017,183 Filed/Issue Date: December 7, 2001Entitled: ***METHODS AND TECHNIQUES FOR DELIVERING RICH JAVA APPLICATIONS OVER THIN-WIRE CONNECTIONS WITH HIGH PERFORMANCE AND SCALABILITY***EMC Corporation a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_ %)

in the patent application/patent identified above by virtue of either:

- A. ☐ An Assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

**OR**

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Coach K. Wei To: EMC Corporation  
The document was recorded in the United States Patent and Trademark Office at Reel 016676, Frame 0301, or for which a copy thereof is attached.
2. From: Coach K. Wei and Zakir Magdum To: Nexaweb Technology, Inc.  
The document was recorded in the United States Patent and Trademark Office at Reel 016575, Frame 0965, or for which a copy thereof is attached.
3. From: Coach K. Wei and Zakir Magdum To: Nexaweb Technology, Inc.  
The document was recorded in the United States Patent and Trademark Office at Reel 016811, Frame 0738, or for which a copy thereof is attached.

- ☒ Additional documents in the chain of title are listed on a supplemental sheet.

☐ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Krishnendu Gupta  
Signature

June 8, 2007  
Date

Krishnendu Gupta  
Printed or Typed Name

508-293-6654  
Telephone Number

Associate General Counsel – Intellectual Property  
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## Patent Assignment Abstract of Title

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## Total Assignments: 7

Patent #: NONE

Issue Dt:

Application #: 10017183

Filing Dt: 12/07/2001

Publication #: [20030200254](#)

Pub Dt: 10/23/2003

Inventor: Coach Wei

Title: Methods and techniques for delivering rich java applications over thin-wire connections with high performance and scalability

## Assignment: 1

Reel/Frame: [016676/0301](#)

Recorded: 06/10/2005

Pages: 6

Conveyance: KEY EMPLOYEE AGREEMENT WITH AN ASSIGNMENT CLAUSE

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Exec Dt: 06/25/1998

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## Assignment: 2

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Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

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## Assignment: 3

Reel/Frame: [016811/0738](#)

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## Assignment: 4

Reel/Frame: [016676/0256](#)

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Pages: 42

Conveyance: KEY EMPLOYEE AGREEMENTS (THREE) AND VERIFIED COMPLAINT IN AN ACTION INVOLVING TITLE

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**Assignment: 5****Reel/Frame:** 016069/0420**Recorded:** 05/27/2005**Pages:** 6**Conveyance:** SECURITY AGREEMENT**Assignor:** NEXAWEB TECHNOLOGIES, INC.**Exec Dt:** 05/27/2005**Assignees:** EGAN-MANAGED CAPITAL II, L.P.

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**Assignment: 6****Reel/Frame:** 017730/0844**Recorded:** 06/06/2006**Pages:** 6**Conveyance:** RELEASE BY SECURED PARTY (SEE DOCUMENT FOR DETAILS).**Assignors:** EGAN-MANAGED CAPITAL II, L.P.**Exec Dt:** 12/20/2005MVP GLOBAL, LLC**Exec Dt:** 12/20/2005MASTHEAD VENTURE PARTNERS CAPITAL, L.P.**Exec Dt:** 12/20/2005VELOCITY EQUITY PARTNERS I SBIC, L.P.**Exec Dt:** 12/20/2005**Assignee:** NEXAWEB TECHNOLOGIES, INC.

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**Assignment: 7****Reel/Frame:** 017730/0890**Recorded:** 06/06/2006**Pages:** 5**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Assignor:** NEXAWEB TECHNOLOGIES, INC.**Exec Dt:** 12/30/2005**Assignee:** EMC CORPORATION

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